

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: **Johnny Cheng, et al.**
Serial No.: **10/193,394**
Filed: **07/11/2002**
For: **BGA Substrate Via Structure**

Docket No.: **TI-31614.1A**
Examiner: **TBD**
Art Unit.: **TBD**
Conf. No.: **TBD**

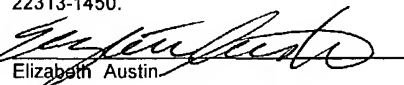
INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner For Patents
Alexandria, VA 22313-1450

Dear Sir:

MAILING CERTIFICATE UNDER 37 C.F.R. § 1.8(A)

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Assistant Commissioner for Patents, Alexandria, VA 22313-1450.


Elizabeth Austin


Date 6/26/2003

Applicant wishes to bring to the attention of the Patent and Trademark Office the information noted on the enclosed PTO-1449. Copies of the listed references are enclosed.

This information disclosure statement is being mailed before receipt of a first office action on the merits in accordance with 37 C.F.R. 1.56, 1.97, and 1.98.

No fees are due. However, should the Office decide otherwise, please charge the necessary fee to the deposit account of Texas Instruments Incorporated, Account Number 20-0668.

Texas Instruments Incorporated
P. O. Box 655474, MS 3999
Dallas, Texas 75265
(972) 917-5653

Respectfully submitted,



Michael K. Skrehot
Attorney for Applicants
Reg. No. 36,682

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Substitute for Form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete If Known

Application Number	TBD
Filing Date	Herewith
First Named Inventor	Johnny Cheng, et al.
Group Art Unit	TBD
Examiner Name	TBD
Attorney Docket No.	TI-31614.1A

Sheet 1 of 2

U.S. PATENT DOCUMENTS

Exam. Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Doc.	Date of Pub. of Cited Doc. (mm-dd-yyyy)	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	AA	6,097,089		Gaku, et al.	08/01/2000	
	AB	6,180,504 B1		Farnworth, et al.	01/30/2001	
	AC					
	AD					
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FOREIGN PATENT DOCUMENTS

Exam. Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Doc.	Date of Pub. of Cited Doc. (mm-dd-yyyy)	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ² (if known)				
	BA							
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¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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Group Art Unit	TBD
Examiner Name	TBD
Attorney Docket No.	TI-31614.1A

Sheet 2 of 2

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Exam. Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
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